

Amendment and Response
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Amendments to the Specification:

On page 8, please replace paragraph [00025] with the following paragraph:

FIG. 2 illustrates a stator 34 constructed in accordance with the principles of the invention. The stator 34 includes a slotless stator core 38 populated with two types of coils 42a and 42b (generally 42) and partially enclosing a permanent magnet rotor 36. The coils 42 are fabricated from commercially-available square magnet wire having an insulating coating (e.g., polyamide layer). Some coils 42a are formed in a first ("A") configuration and the other coils 42b are formed in a second ("B") configuration as described below. The specific dimensions for each configuration are determined according to the specific machine design parameters but are also limited by the minimum bend radius of the magnet wire to avoid fracture of the wire and the wire insulation.